

## ABSTRACT

1        This invention proposes to transcode the compressed  
2 image, that may be in the JPEG format for example, to an  
3 intermediate format that allows pseudo-random access. Such a  
4 pseudo-random access would that allow efficient image  
5 transformation. By using this format, in most cases a pixel  
6 is decoded only once in the entire image transformation  
7 process. This is certainly true for the most common  
8 transformation operations such as rotation by 90, 180 and 270  
9 degrees. This transcoding would enable image transformations  
10 in printers whose memory is insufficient to store the entire  
11 decompressed image.